



Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13445-026001	Application No. 10/720,453
		Applicant Vladimir Fuflyigin	
		Filing Date November 24, 2003	Group Art Unit 1762

**Information Disclosure Statement**  
by Applicant  
(Use several sheets if necessary)

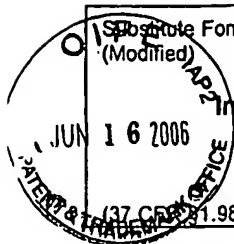
(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DT	AA	6,831,934	Dec. 14, 2004	Wang et al.			
	AB						
	AC						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AD							
	AE							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AF	
	AG	

Examiner Signature     /David Turocy/	Date Considered     12/21/2006
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### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	AFF	6,130,780	10/10/2000	Joannopoulos et al.			
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	AVV	6,816,243	11/9/2004	Shurgalin et al.			
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	AXX	6,895,154	5/17/2005	Johnson et al.			
	AYY	6,898,359	5/24/2005	Soljacic et al.			
	AZZ	6,903,873	6/7/2005	Joannopoulos et al.			
	AAAA	2001/0026667	10/2001	Kawanishi, et al.			
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	ADDD	2003/0044159	3/6/2003	Anderson et al.			
	AEEE	2004/0013379	1/22/2004	Johnson et al.			
	AFFF	2004/0137168	7/15/2004	Fuflyigin			
	AGGG	2004/0141702	7/22/2004	Fuflyigin et al.			
	AHHH	2004/0223715	11/11/2004	Benoit et al.			
	AIII	2005/0226579	10/13/2005	Fink et al.			
	AJJJ	2005/0259933	11/24/2005	Temelkuran et al.			
	AKKK	2005/0259934	11/24/2005	Temelkuran et al.			
	ALLL	2005/0259942	11/24/2005	Temelkuran et al.			
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DPT	ANNN	2005/0271340	12/8/2005	Weisberg et al.			

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							Yes	No
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	APPP	WO 200284345	10/2002	WIPO				
	AQQQ	WO 200261467	08/2002	WIPO				
	ARRR	2,288,469	10/1995	Great Britain				
	ASSS	0 195 630	09/1986	Europe				
	ATTT	0 426 203	05/1991	Europe				
	AUUU	2000-035521	02/2000	Japan				
	AVVV	2001-051244	02/2001	Japan				
	AWWW	WO 94/09393	04/1994	WIPO				
	AXXX	WO 94/16345	07/1994	WIPO				
	AYYY	WO 97/01774	01/1997	WIPO				
DPT	AZZZ	WO 00/22466	04/2000	WIPO				

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							Yes	No
DPT	AAAAA	WO 00/46287	08/2000	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
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	AFFFF	B. E. Little et al., "Microring resonator arrays for VLSI photonics", IEEE Photon. Technol. Lett., 12 (3): 323-325 (2000).
	AGGGG	Berger V. "From photonic band gaps to refractive index engineering." Optical Materials, 11:2-3, Jan. 1999, pp. 131-142.
	AHHHH	B. J. Eggleton et al., "All-optical switching in long-period fiber gratings," Optics Letters, 22 (12): 883-885, June 15, 1997.
	AIIII	B. J. Eggleton et al., "Grating resonance in air-silica microstructured optical fibers", Opt. Lett., 24 (21): 1460 (1999).
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	AKKKK	Chang et al. "Vector Normal Modes on Two-Core Optical Fibers – Part I: The Normalmode solutions." Journal of Lightwave Technology, 15:7, Jul. 1997, pp. 1213-1223.
	ALLLL	D. Furniss et al., "A novel approach for drawing optical fibers from disparate core/clad. glasses," J Non-Cryst. Sol. 213-214: 141-146 (1997).
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	ANNNN	E. Brinkmeyer, et al., "Fibre Bragg reflector for mode selection and line-narrowing of injection lasers", Electron. Lett., 22 (3): 134 (1986).
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✓	ARRRR	G. S. He et al., "Efficient amplification of a broad-band optical signal through stimulated Kerr scattering in a CS <sub>2</sub> liquid-core fiber system," IEEE J. Quantum Electron., 28 (1): 323-329 (1992).
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	AUUUU	J. Fick et al., "High photoluminescence in erbium-doped chalcogenide thin films," J. Non-crystalline Solids, 272 (2-3): 200-208 (2000).
	AVVVV	J. Kobelke et al., "Chalcogenide glass single mode fibers--preparation and properties," J. Non-Crystalline Solids, 256-7: 226-231 (1999).
	AWWWV	J. M. Harbold et al., "Highly nonlinear As-S-Se glasses for all-optical switching," Optics Lett., 27 (2): 119-121 (2002).
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	AAAAAA	Jia Jiang et al., "Fluorophosphate cladding glasses for fluoride glass fibers," J Non-Cryst. Sol., 213 and 214: 11-15 (1997).
	ABBBB	J-X Cai, et al., "Simultaneous tunable dispersion compensation of many WDM channels using a sampled nonlinearly chirped fiber Bragg grating", IEEE Photon. Tech. Lett., 11 (11): 1455 (1999).
	ACCCCC	K. O. Hill, et al., "Photosensitivity in optical fiber waveguides: Application to reflection filter fabrication", Appl. Phys. Lett., 32 (10): 647 (1978).
	ADDDDD	K. O. Hill, et al., "Efficient mode conversion in telecommunication fibre using externally written gratings", Electron. Lett., 26 (16): 1270 (1990).
	AEEEE	L. F. Stokes, et al., "All-single-mode fiber resonator", Opt. Lett., 7 (6): 288 (1982).
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	AGGGG	Massadegh R. et al. "Fabrication of single-mode chalcogenide optical fiber." Journal of Lightwave Technology, 16:2, pp. 214-216, February 1998.
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	ANNNN	Nishii, J. et al. "Chalcogenide glass fiber with a core-cladding structure." Applied Optics, 28: 23, pp. 5122-5127, December 1, 1989.
DPT	AOOOO	Piere R. Villeneuve et al., "Single-mode waveguide microcavity for fast optical switching," Opt. Lett., 21 (24): 2017-2019, December 15, 1996.
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Examiner Initial	Desig. ID	Document
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	AQQQQQ	R. E. Smith et al., "Reduced coupling loss using a tapered-rib adiabatic-following fiber coupler," <i>IEEE Photon. Technol. Lett.</i> , 8 (8): 1052-1054 (1996).
	ARRRRR	R.F. Cregan et al., <i>Science</i> 285, p. 1537-1539, (1999)
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	ATTTTT	R. U. Ahmad et al., "Ultracompact corner-mirror and T-branches in silicon-on-insulator," <i>IEEE Photon. Technol. Lett.</i> , 14 (1): 65-76 (January 2002).
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	AAAAAA	T.A. Birks et al., "Dispersion Compensation Using Single-Material Fibers," <i>IEEE Photonics Technology Letters</i> , 11 (6): 674-676 (1999).
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